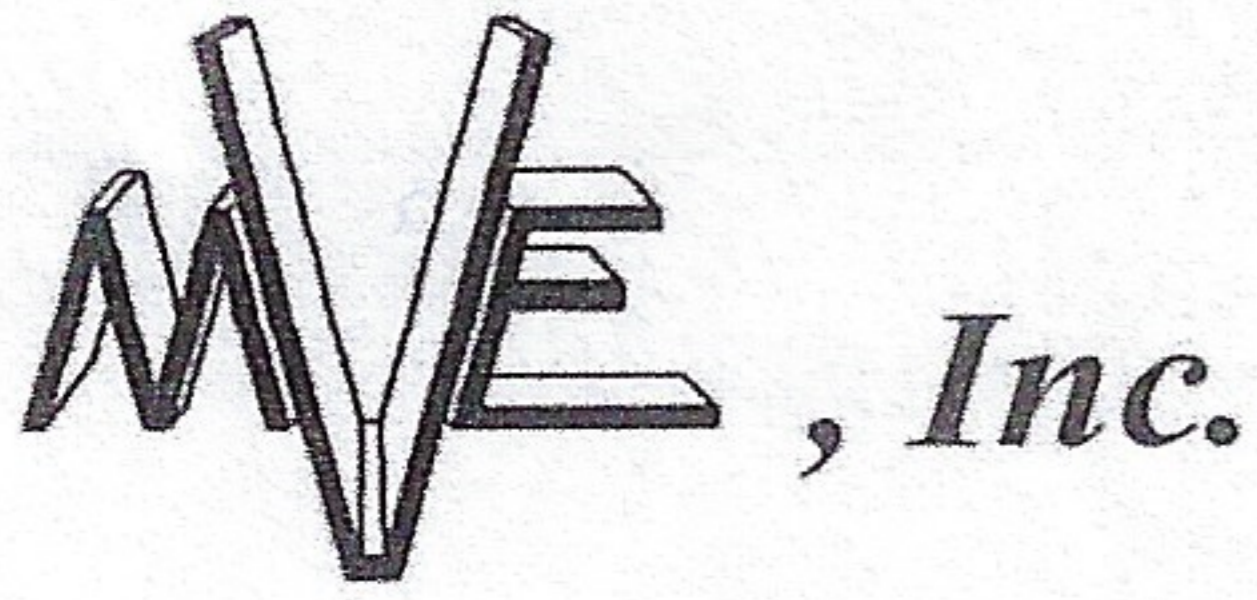


0302

Info Only: Engineering comments are in blue text.

Please use the following signature blocks



February 5, 2024

Mr. William Mierkey
7320 Liberty Bell Drive
Colorado Springs, CO 80920

Re: **9021 Chicago Avenue-Drainage Memo**
Project No. 61214

Please include project No.
PPR2428

Dear Mr. Mierkey:

The purpose of this Drainage Memo is to satisfy the drainage submittal Requirement of the Pikes Peak Regional Building Department (RBD) for the construction of a 20' x 40' shed to be located at 9025 Chicago Avenue, Town of Falcon. The new address for the shed is 9021 Chicago Avenue. The site with the proposed shed location is shown on the attached sketch layout of the site. The site is situated south of Chicago Avenue at the intersection of 5th Avenue in the Town of Monument. The owner is requesting the construction of a 20' x 40' shed. This Drainage Memo is prepared in accordance with the provisions of the City of Colorado Springs Stormwater Enterprise and DCM Volume 1 and 2 and the Engineering Criteria Manual. El Paso County Engineering Criteria Manual and Land Development Code as amended.

Design Engineer's Statement:

The attached drainage plan and report were prepared under my direction and supervision and are correct to the best of my knowledge and belief. Said drainage report has been prepared according to the criteria established by the County for drainage reports and said report is in conformity with the applicable master plan of the drainage basin. I accept responsibility for any liability caused by any negligent acts, errors or omissions on my part in preparing this report.

[Name, P.E. # _____] Date

Owner/Developer's Statement:

I, the owner/developer have read and will comply with all of the requirements specified in this drainage report and plan.

[Name, Title] Date

[Business Name]

[Address]

El Paso County

El Paso County Engineering Criteria Manual and Land Development Code as amended.

County Engineer / ECM Administrator

Conditions:

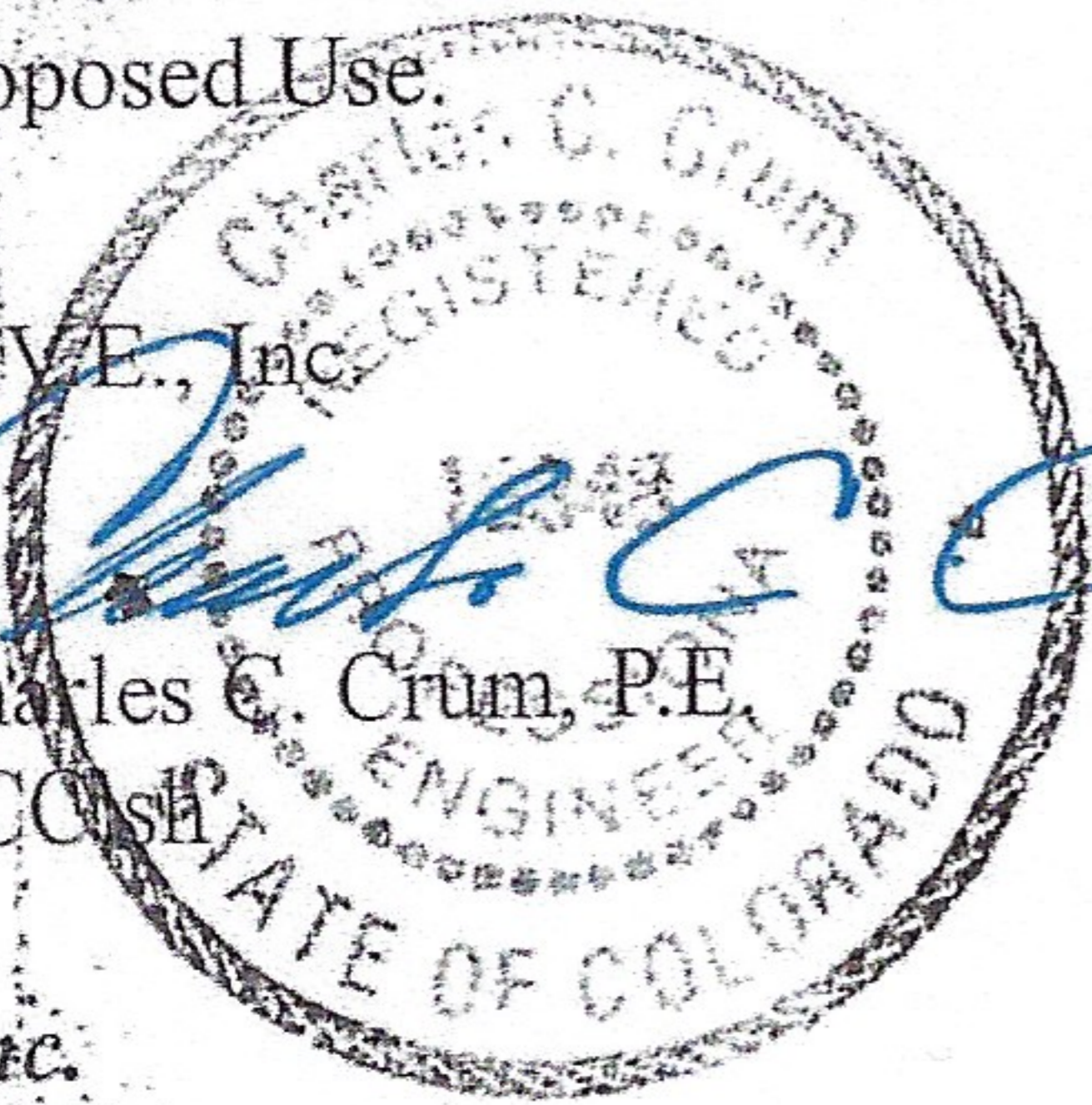
The legal description for the site is Lots 14, 15, and 16 in Block 19, and Lots 1, 2,3, 4, 5, 6, 7, and 8 in Block 20, all in the Town of Falcon, according to the plat thereof recorded in Plat Book B at Page 37, and that portion of vacated 5th Street, and that portion of vacated alley laying adjacent to the subject property, as shown on Resolution No. 93-165, Land Use No. 40, recorded June 25, 1993 in Book 6201 at Page 381, County of El Paso, State of Colorado. The site consists of a parcel addressed as 9025 Chicago Avenue, and an El Paso County Tax ID Number of 53121 11 005. The parcel with easements of record make up a total site area of 1.37± acres. This site is located in Zone X (Area of Minimal Flood Hazard) as denoted on the Flood Insurance Rate Map (FIRM), map number 08041 C0561G, for the City of Colorado Springs effective December 7, 2018. This parcel lies in the Falcon Drainage Basin. A Site Map and the FEMA Map are attached to this Memo.

The site will be developed by adding a single story shed. A minimal amount of disturbance around the shed will not effect the site. No change in existing drainage patterns will occur to the site with this proposed Use.

MVE, Inc.

Charles C. Crum, P.E.
CCC/sh

Eric.



The letter of intent describes the work to include the "proposed lumber shed, trash area, sales display areas, traffic flow with parking, and ADA parking and path." The total disturbance should include all improvements, not just the shed. If/when the site disturbs greater than 1 ac, an ESQCP and PBMP will be required.

Please provide a brief discussion regarding the drainage pattern, including the runoff direction, type of runoff, and flow of runoff, hydrologic calculations (if applicable), both before and after the project. Additionally, discuss whether the proposed project will have any significant impacts on downstream areas.

Z:\61214\Documents\Correspondance\61214 - Drianage Memo-Shed.odt

Additional comments may be generated depending on the total acres to be disturbed. Please clearly specify the total land area to be disturbed.

A vicinity map is required.

Engineers • Surveyors

1903 Lelaray Street, Suite 200 • Colorado Springs, CO 80909 • Phone 719-635-5736

Fax 719-635-5450 • e-mail mve@mvecivil.com

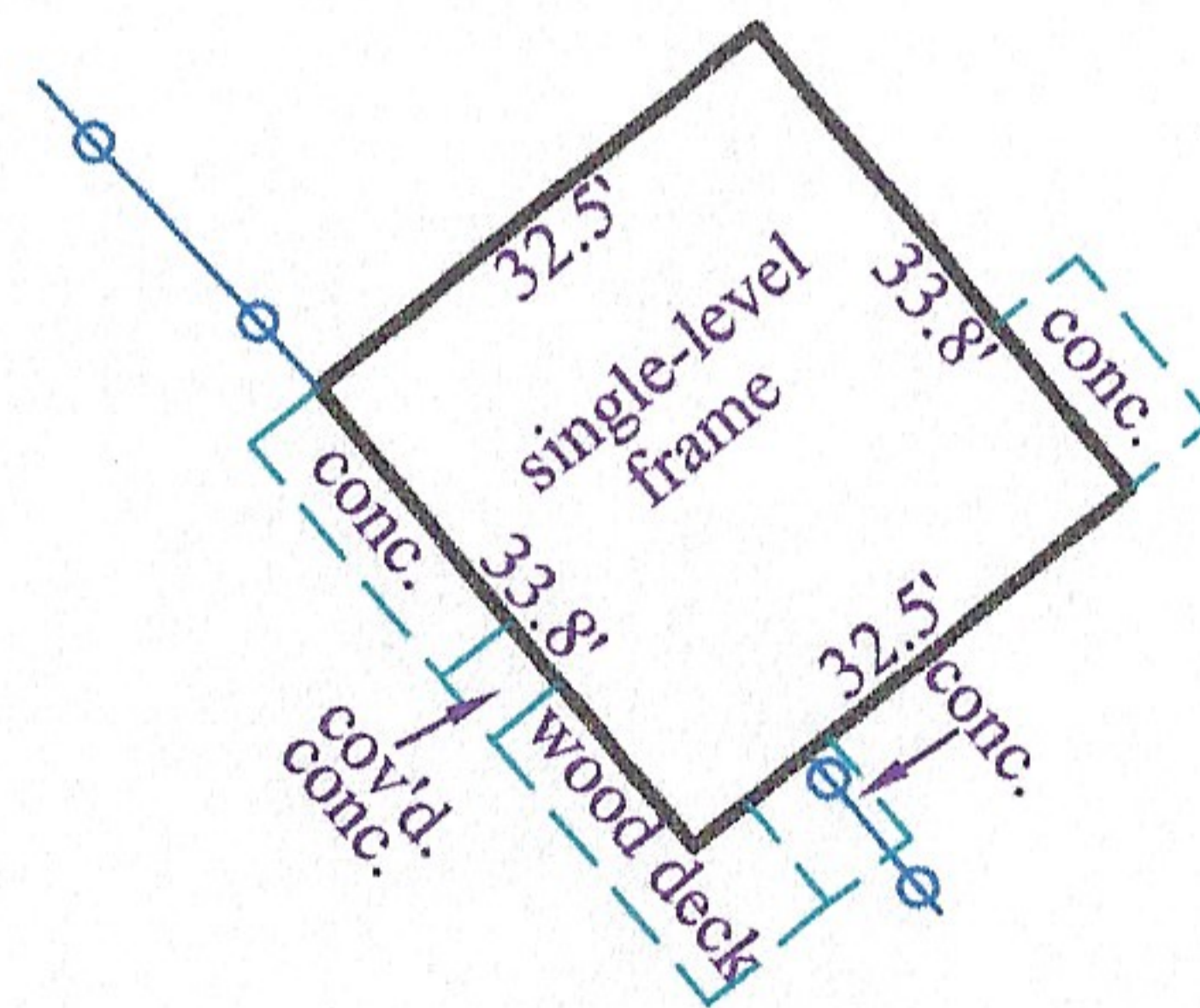
Drainage maps are required to show the direction of stormwater flow for the area before and after the project proposed.

LOCATE and MARK EXISTING PROPERTY CORNERS

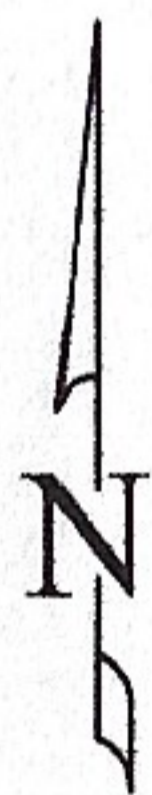
(THIS IS NOT A PROPERTY SURVEY)

LEGEND

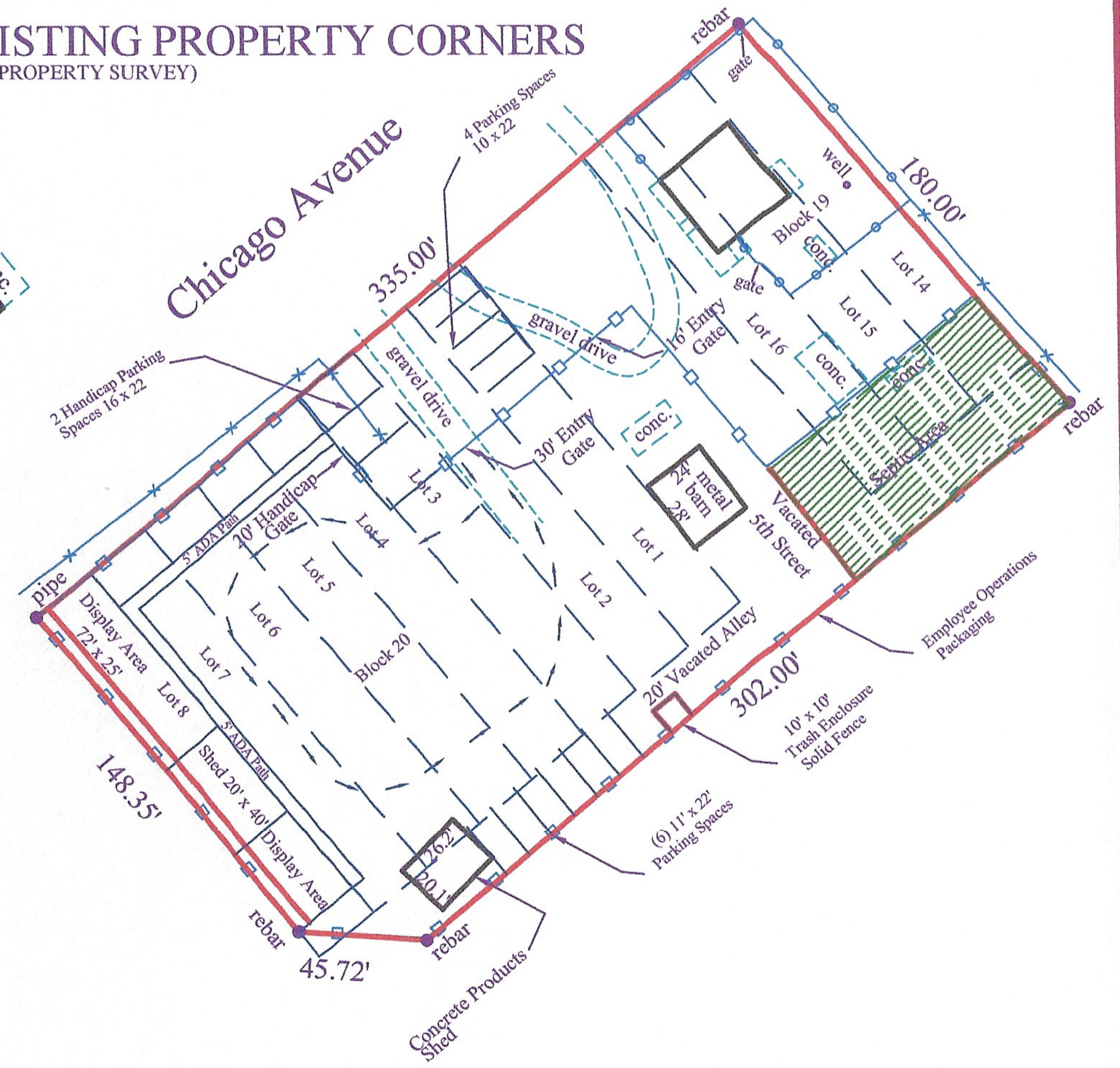
-  Chainlink Fence
-  Wood Fence
-  Wire Fence
-  Fnd. Monument - Pipe
-  Overhead Power Line



House Detail:
Not to Scale



Scale: 1" = 60'



Legal Description

Lots 14, 15 and 16 in Block 19, And Lots 1, 2, 3, 4, 5, 6, 7 and 8 in Block 20, All in the Town of Falcon, according to the plat thereof recorded in Plat Book B at Page 37, and that portion of vacated 5th Street, and that portion of vacated alley lying adjacent to the subject property, as shown on Resolution No. 93-165, Land Use No. 40, recorded June 25, 1993 in Book 6201 at Page 381, County of El Paso, State of Colorado.

PREPARED BY:



ALESSI and ASSOCIATES, Inc.

APPRAISERS • ENGINEERS • SURVEYOR'S

2989 Broadmoor Valley Road
Colorado Springs, CO 80906

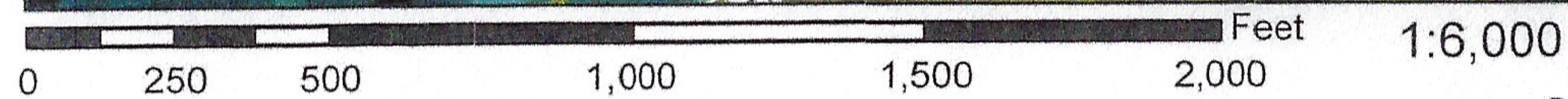
Tele. 719/540-8832
Fax 719/540-2781

PURPORTED STREET ADDRESS:
9025 Chicago Avenue
 DATE: 3/8/2023
 CLIENT: Mierkey
 JOB NUMBER: 231076

National Flood Hazard Layer FIRMette



104°36'53"W 38°56'18"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- | | | |
|-----------------------------|-----------|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
Zone A, V, A99 |
| | | With BFE or Depth Zone AE, AO, AH, VE, AR |
| | | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile (Zone I) |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee. See Notes, Zone X |
| | | Area with Flood Risk due to Levee Zone D |
| OTHER AREAS | NO SCREEN | Area of Minimal Flood Hazard Zone X |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard Zone |
| | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **2/5/2024 at 4:31 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

v1_Drainage Letter - REDLINES.pdf Markup Summary

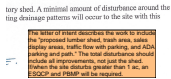
Callout (1)



Subject: Callout
Page Label: 1
Author: HaoVo
Date: 8/27/2024 9:22:25 AM
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Please use the following signature blocks

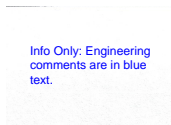
SW - Textbox (1)



Subject: SW - Textbox
Page Label: 1
Author: Mikayla Hartford
Date: 8/26/2024 10:35:19 AM
Status:
Color: ■
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Space:

The letter of intent describes the work to include the "proposed lumber shed, trash area, sales display areas, traffic flow with parking, and ADA parking and path." The total disturbance should include all improvements, not just the shed. If/when the site disturbs greater than 1 ac, an ESQCP and PBMP will be required.

Text Box (7)



Subject: Text Box
Page Label: 1
Author: HaoVo
Date: 8/27/2024 9:19:34 AM
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Info Only: Engineering comments are in blue text.



Subject: Text Box
Page Label: 1
Author: HaoVo
Date: 8/28/2024 8:36:12 AM
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Design Engineer's Statement:

The attached drainage plan and report were prepared under my direction and supervision and are correct to the best of my knowledge and belief. Said drainage report has been prepared according to the criteria established by the County for drainage reports and said report is in conformity with the applicable master plan of the drainage basin. I accept responsibility for any liability caused by any negligent acts, errors or omissions on my part in preparing this report.

 [Name, P.E. # _____] Date

Owner/Developer's Statement:

I, the owner/developer have read and will comply with all of the requirements specified in this drainage report and plan.

 [Name, Title] Date

[Business Name]

[Address]

El Paso County:

Filed in accordance with the requirements of the Drainage Criteria Manual, Volumes 1 and 2, El Paso County Engineering Criteria Manual and Land Development Code as amended.

 Jennifer Irvine, P.E. Date

County Engineer / ECM Administrator

Conditions:

Please include project No. PPR2428

Re: 9021 Chicago
 Project No. 6
 Please include project No.
 PPR2428
 Dear Mr. Mierkey:
 The purpose of this D

Subject: Text Box
Page Label: 1
Author: HaoVo
Date: 8/27/2024 9:19:18 AM
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Please provide a brief discussion regarding the drainage pattern, including the runoff direction, type of runoff, and flow of runoff, hydrologic calculations (if applicable), both before and after the project. Additionally, discuss whether the proposed project will have any significant impacts on downstream areas.

• Saragoy
• Springs, CO 80909 • Phone 719-635-5736
email saragoy@civil.com

Subject: Text Box
Page Label: 1
Author: HaoVo
Date: 8/27/2024 9:19:45 AM
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Please provide a brief discussion regarding the drainage pattern, including the runoff direction, type of runoff, and flow of runoff, hydrologic calculations (if applicable), both before and after the project. Additionally, discuss whether the proposed project will have any significant impacts on downstream areas.

1903 LeLaray
Drainage maps are required to show the direction of stormwater flow for the area before and after the project proposed.

1903 LeLaray Street, Suite 202 • Color
Engle
719-635-5639

Subject: Text Box
Page Label: 1
Author: HaoVo
Date: 8/27/2024 9:19:43 AM
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Additional comments may be generated depending on the total acres to be disturbed. Please clearly specify the total land area to be disturbed.

1903 LeLaray
Drainage maps are required to show the direction of stormwater flow for the area before and after the project proposed.

Subject: Text Box
Page Label: 1
Author: HaoVo
Date: 8/27/2024 9:19:44 AM
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Drainage maps are required to show the direction of stormwater flow for the area before and after the project proposed.

A vicinity map is required.

709 • Phone 719-635-5736
ivil.com

Subject: Text Box
Page Label: 1
Author: HaoVo
Date: 8/27/2024 9:23:08 AM
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Color: ■
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A vicinity map is required.